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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/699,565	10/30/2003	Henry Dombroski	2421.003	1578
21917	7590	02/15/2006	EXAMINER	
MCHALE & SLAVIN, P.A. 2855 PGA BLVD PALM BEACH GARDENS, FL 33410			BELLINGER, JASON R	
			ART UNIT	PAPER NUMBER
			3617	

DATE MAILED: 02/15/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b><i>Interview Summary</i></b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/699,565	DOMBROSKI ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Jason R. Bellinger	3617	

All participants (applicant, applicant's representative, PTO personnel):

(1) Jason R. Bellinger. (3) \_\_\_\_\_.

(2) William Cuchlinski. (4) \_\_\_\_\_.

Date of Interview: 10 February 2006.

Type: a) Telephonic b) Video Conference  
c) Personal [copy given to: 1) applicant 2) applicant's representative]

Exhibit shown or demonstration conducted: d) Yes e) No.  
If Yes, brief description: \_\_\_\_\_.

Claim(s) discussed: proposed claims (see attached).

Identification of prior art discussed: N/A.

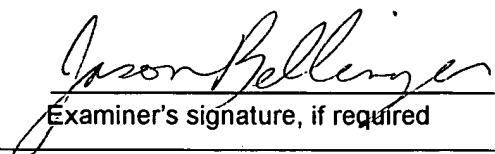
Agreement with respect to the claims f) was reached. g) was not reached. h) N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an attachment to a signed Office action.



Examiner's signature, if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Updated the Applicant that approval of the Terminal Disclaimer has not been determined yet. The proposed amendment would be a new consideration that would require further search and/or consideration. The 112 issues of claim 11 would be corrected by the proposed amendment. Applicant expressed interest in filing an RCE in response to this interview. Suggested adding additional structure to the claims defining the polished sleeve, which seems to be an important element of the invention.

## Summary of Record of Interview Requirements

### **Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record**

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

### **Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews**

#### **Paragraph (b)**

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

#### **37 CFR §1.2 Business to be transacted in writing.**

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,  
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

#### **Examiner to Check for Accuracy**

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICANT : Henry Dombrowski et al  
INVENTION : ENVIRONMENT PROTECTOR AIR COMPRESSOR PRESSURIZED WHEEL HUB  
SERIAL NUMBER : 10/699,565  
FILING DATE : October 30, 2003  
EXAMINER : Jason R. Bellinger  
GROUP ART UNIT : 3617  
OUR FILE NO. : 2421.003

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CERTIFICATE UNDER 37 CFR 1.8(a)  
I hereby certify that this correspondence is being  
deposited with the U.S. Postal Service as First Class mail  
in an envelope addressed to Commissioner for Patents  
P.O. Box 1450, Alexandria, VA 22313-1450 on \_\_\_\_\_

TO:  
Mail Stop: Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION OF November 17, 2005

Sir:

In response to the Office Action dated November 17, 2005 having a shortened statutory period for response set to expire February 17, 2006, kindly amend the above-entitled application as follows, no new matter is added:

Amendments to the Specification begin on page \* of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page \* of this paper.

Appl. No. 10/699,565 Amdt. dated Reply to Office action of November 17, 2005

Amendments to the Drawings begin on page \* of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

Remarks/Arguments begin on page \* of this paper.

An Appendix including amended drawing figures is attached following page 5 of this paper.

Appl. No. 10/699,565 Amdt. dated Reply to Office action of November 17, 2005

Amendments to the Specification:

Please replace the paragraph beginning at page 9, line 4, with the following rewritten paragraph:

The air compressor 50 is coupled to the axle by a pressure-proof hose 54. The axle 18 has a pneumatic chamber 56 ~~annular~~ coaxially disposed therein with an inlet 58 located outside of oil seal 22 and an outlet 60 exhausting into the closed air chamber 36. The air compressor 50 is capable of maintaining a predetermined pressure in the closed air space, typically between 1psi and 3opsi. The actual pressure is determined by the type of seals to be employed since certain seals cannot handle the higher pressures. In the preferred embodiment, the air compressor will automatically compensate for differing loading characteristics which can change the pressure reading of the hub. For instance, if the hub is filled to 10 psi, operating the towing vehicle at highway speeds will have tendency to warm the air within the hub assembly and increase air pressure. Similarly, should the hub assembly be subjected to very cold temperatures, such as when the hub assembly is placed under water during the launching of a boat, the result will be a decrease in air pressure. This may ~~can~~ cause a false reading to an unsuspecting law enforcement official when no ~~test~~ loss of seal integrity has occurred, but the appearance of a reduction in air pressure would otherwise indicate such an event.

Appl. No. 10/699,565 Amdt. dated Reply to Office action of November 17, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (Currently amended) A pressurized wheel hub for a trailer having at least one axle, comprising: a wheel hub having bearings that are rotatably securable to the axle; seals between said wheel hub and said axle, said seals forming a closed air space around said bearings; and an annular a pneumatic chamber which is coaxially disposed on the ~~the~~ within said axle having an inlet adapted for fluidly coupling to a source of pressurized air and an outlet coupled to said closed air space , said source of pressurized air maintaining between 1 psi and 30 psi in said closed air space.

Claim 2. (Currently amended) The pressurized wheel hub according to claim 1 including a means for measuring the amount of pressurized air placed within said closed air space.

Claim 3. (Currently amended) The pressurized wheel hub according to claim 2 wherein said means for measuring is further defined as a pressure gauge providing a visual indication of the pressurized air whereby a breached seal condition within the said wheel hub can be detected.

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Claim 4. (Original) The pressurized wheel hub of claim 3, wherein said air pressure gauge includes a dial face and a pressure indicating needle moving relative to said dial face in direct relation to the air pressure within said closed air system.

Claim 5. (Original) The pressurized wheel hub of claim 3, wherein said air pressure gauge includes a color coded dial face capable of indicating safe operation of the wheel hub.

Claim 6. (cancelled)

Claim 7. (Previously presented) The pressurized wheel hub of claim 5, wherein said air pressure gauge is fluidly coupled to said closed air space.

Claim 8. (Cancelled)

Claim 9. (Previously presented) The pressurized wheel hub of claim 1, wherein said pneumatic chamber is coupled to a DC air compressor located on the trailer.

Claim 10. (currently amended) The pressurized wheel hub of claim 8 1, wherein said pneumatic chamber is coupled to a DC air

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compressor located on a towing vehicle.

Claim 11. (Currently amended) The pressurized wheel hub of claim 1 including a polished sleeve securable to said axle and operatively associated with said ~~oil seal seals~~, wherein said polished sleeve provides a machined surface to permit enhanced sealing with ~~said oil seal~~.

Claim 12. (Previously presented) The pressurized wheel hub of claim 1, further comprising an air pressure gauge fluidly coupled to said closed air space.

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